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XRAM Acc No: C87-024419

Sympathomimetic phenylethylamine deriv. compsn. - in aerosol form for rapid action, esp. for treating circulatory insufficiency

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Number of Countries: 010 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 213108	A	19870304	EP 86890193	A	19860626	198709 B

Priority Applications (No Type Date): AT 851909 A 19850626

Cited Patents: 1.Jnl.Ref; A3...8728; CA 982942; DE 1793759; EP 126327; No-SR.Pub; US 2868691; US 3304230

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 213108	A	G	7	
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Designated States (Regional): BE CH DE FR GB IT LI LU NL SE

Abstract (Basic): EP 213108 A

Pharmaceutical compsn. contains a soln. of an antihypotensive, esp. alpha- and/or beta-1-sympathomimetic, 2-phenylethylamine deriv. of formula (I), in the form of the free base or at least partially as the salt of an organic acid (e.g. fatty, sorbic, stearic, tartaric, citric or ascorbic acid), which is administered sublingually or by inhalation by pumping or under propellant gas pressure.

In (I) R1, R1', R1'', and R2=H, OH or OMe, at least one being OH and at least one ring substit. being OH or OMe; R3-R6=H, Me or Et; provided that if R5=H and R6=Me, then only one ring substit. is OH.

USE/ADVANTAGE - (I) are useful for treating circulatory disorders (due to their vasoconstrictory and cardiac frequency stimulating action, allergies (e.g. hay fever) and asthma). The compsns. are esp. useful for circulatory insufficiency, since they provide rapid bioavailability more safely than by i.m. or i.v. injection. (I) is rapidly resorbed in aerosol form and is effective within 3 mins., c.f. 10-15 mins. for prior art oral compsns. contg. (I) hydrochloride.

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Title Terms: SYMPATHOMIMETIC; PHENYL; ETHYLAMINE; DERIVATIVE; COMPOSITION; AEROSOL; FORM; RAPID; ACTION; TREAT; CIRCULATE; INSUFFICIENCY

Index Terms/Additional Words: PHENYLETHYL

Derwent Class: A96; B05

International Patent Class (Additional): A61K-009/72; A61K-031/13; A61K-047/00

File Segment: CPI

Manual Codes (CPI/A-N): A12-V01; B10-B03B; B12-D02; B12-E07; B12-F01B; B12-F04; B12-F06; B12-K02; B12-M01

Plasdoc Codes (KS): 0013 3000 0231 1279 1588 2766

Polymer Fragment Codes (PF):

001 014 028 04- 11& 147 198 336 525 645 688 720

Chemical Fragment Codes (M2):

01 G011 G012 G013 G014 G015 G016 G017 G100 H1 H100 H102 H103 H181 H4 H401 H402 H403 H404 H441 H442 H443 H481 H541 H542 H543 H581 H8 M210

M211 M212 M272 M273 M280 M281 M282 M283 M312 M313 M314 M315 M321
M331 M332 M333 M342 M343 M373 M391 M414 M510 M520 M531 M540 M650
M781 M903 P431 P513 P514 P522 P525 P527 P822 R012 8709-13101-U

Chemical Fragment Codes (M6) :

02 M903 P431 P513 P514 P522 P525 P527 P822 R012 R111 R200

Derwent Registry Numbers: 0047-U; 0048-U

Generic Compound Numbers: 8709-13101-U